OPEN EUROPEAN INTER-ROAMING PROTOCOL

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Stakeholder forum
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NeMo: Cross-border roaming

A customer of eMobility Services Provider “A” wants access to a charging-station of Charge point Operator “B”

Giving access to EV-drivers to a very large number of charging-stations means connecting eMSPs to a very large number of CPOs across Europe (and even wider)!
NeMo: Cross-border roaming

Connecting eMSPs and CPOs for which features? To exchange which data, which services?

- POI info (infra description static & dynamic)
- Authorisation
- Charge-Detail-Record
- Business Info
- Business Info

Data transfert
- POI Info and CDR from CPO to eMSP
- White-List (if any) from eMSP to CPO

Requests and Events
- Authorisations

Data sharing
- Business Info (agreement, tariff...)
State of the art:

Two main Topologies

Peer-to-peer

Hub
NeMo proposition:
Multi-hubs Topology
NeMo proposition: Multi-hubs Topology

Gireve and Hubject are active members of the NeMo project, but the design of the NeMo Multi-hub topology should not be limited to two platforms.
NeMo Inter-Roaming:
2 sets of features

plus an integration in the NeMo hyper-network

Extension of the eRoaming features to the Inter-Roaming scope.
Datat exchanges
• POI Info and CDR from CPO to eMSP
• White-List (if any) from eMSP to CPO
Requests and Events
• Authorisations

Additional features to transport business information, with the aim to automate business processes for roaming.
• Exchanges related to eRoaming agreements
• New CPO or eMSP registration ...

... To be clarified in Nemo Task 3.4 ...
Open Discussion: Functional scope of the NeMo Inter-Roaming features?

**Extension of the eRoaming features to the Inter-Roaming scope.**
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- New CPO or eMSP registration ...

**NeMo hyper-Network integration**
- Services registry and discovery
- Ability to integrate a new roaming Platform

Any comments, suggestions?
Thank you for your time!
Any Questions?

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